

## ABSTRACT

An ultrasonic diagnostic apparatus that can execute the positioning of a probe and an inspection sample easily and accurately at an excellent reproducibility is disclosed. This is the ultrasonic diagnostic apparatus that includes; a probe for transmitting an ultrasonic wave into a living body and receives a reflection wave from an inspection sample inside the living body; an image generator for generating a fault image of the inspection sample in accordance with a signal received by the probe; and an image display for displaying the fault image. The probe has a first transducer element array 1 and a second transducer element array 2, and these transducer element arrays are arranged such that array directions intersect each other. Moreover, the image generator and the image display generate and display a first fault image corresponding to a signal received by the first transducer element array and a second fault image corresponding to a signal received by the second transducer element array.

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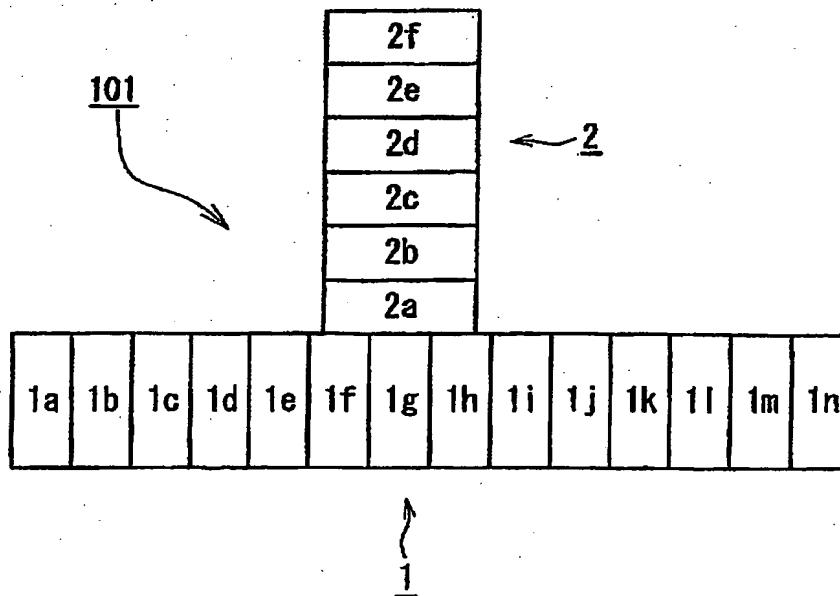
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(54) Title: ULTRASONIC DIAGNOSING DEVICE

(54) 発明の名称: 超音波診断装置



(57) **Abstract:** A ultrasonic diagnosing device capable of aligning a probe with a subject easily, accurately and with a good repeatability, comprising a probe for transmitting a ultrasonic wave into a living body and receiving a reflection wave from the subject in the living body, an image producing unit for producing the tomogram of the subject based on a signal received by the probe, and an image display unit for displaying the above tomogram. The probe has a first array vibrator (1) and a second array vibrator (2) that are disposed with their array directions crossing each other. The image producing unit and the image display unit produce and display a first tomogram corresponding to a signal received by the first array vibrator and a second tomogram corresponding to a signal received by the second array vibrator.

(57) **要約:** 探触子と被検物との位置合わせを、容易かつ正確に、再現性よく実施できる超音波診断装置が開示される。生体内に超音波を送信し、前記生体内の被検物からの反射波を受信す

[続葉有]